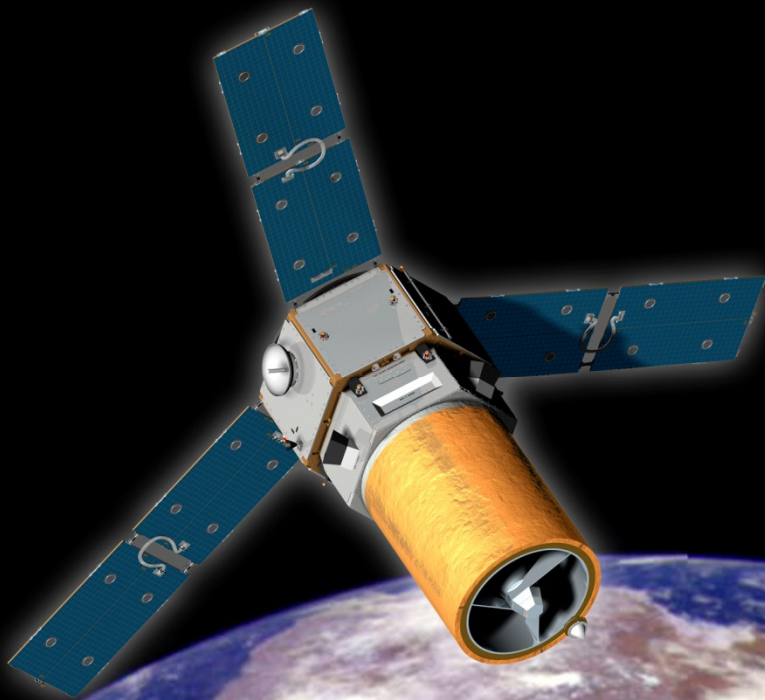


Operationally Responsive Satellite-1 (ORS-1)



Description

Alliant Techsystems, in partnership with Goodrich ISR Systems Division, was awarded a contract by the Air Force Space and Missile Systems Center's Space Development and Test Wing to produce the first operational Air Force ORS satellite, designated ORS-1. ATK provided the spacecraft bus systems to Goodrich, who as the satellite prime contractor integrated with their payload. The bus design is based on ATK Space System's Responsive Space Modular Bus (RSMB) currently flying aboard the successful TacSat-3 mission. ORS-1 will also leverage capabilities from Goodrich ISR Systems Division's space and airborne imaging technologies.

The fully capable Responsive Space Modular Bus provides precision pointing, power and thermal management, orbital maneuvering and payload support functionality. RSMB represents the next generation of small spacecraft buses from ATK, building upon a legacy of flight successes. In addition to producing the bus, ATK will play a critical role in mission analysis, payload and launch vehicle integration, and space vehicle operations.

The ORS-1 spacecraft launched on June 29, 2011.